

Listing of the Claims

1. (Currently amended) An isolated nucleic acid that encodes ~~SEQ ID NO:4 or~~ SEQ ID NO:6.
 2. (Canceled)
 3. (Original) The isolated nucleic acid of claim 1 comprising SEQ ID NO: 5.
 4. (Currently amended) A transgenic monocot cell having a genome comprising a nucleic acid sequence that encodes a protein of ~~SEQ ID NO:4 or~~ SEQ ID NO:6.
 5. (Currently amended) A transgenic dicot cell having a genome comprising a nucleic acid sequence that encodes a protein of ~~SEQ ID NO:4 or~~ SEQ ID NO:6.
 6. (Currently amended) A transgenic plant with a genome comprising a nucleic acid sequence that encodes a protein of ~~SEQ ID NO:4 or~~ SEQ ID NO:6..
 7. (Original) A transgenic plant of claim 6 wherein the plant is rice.
 8. (Original) A transgenic plant of claim 6 wherein the plant is maize.
 9. (Original) A transgenic plant of claim 6 wherein the plant is tobacco.
 10. (Original) A transgenic plant of claim 6 wherein the plant is cotton.
 11. (Original) Seed of a transgenic plant of claim 6.
 12. (Original) Progeny of seed of claim 11.
- Claims 13-18 (Canceled).

Respectfully submitted,

Donald R Stuart
Donald R. Stuart
Registration No. 28,479
Phone: 317-337-4816

Dow AgroSciences LLC
Patent Section
9330 Zionsville Road
Indianapolis, Indiana 46268-1054

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